



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111159

Mode: Highway

Status: Submitted

US-25

From/Cross Street: NC 251

Specific Improvement Type: 1 - Widen Existing Roadway

To: North Main Street (US 25/US70 Bus)

Project Category: Regional Impact

Length: 3.37

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$52,489,000

Description:

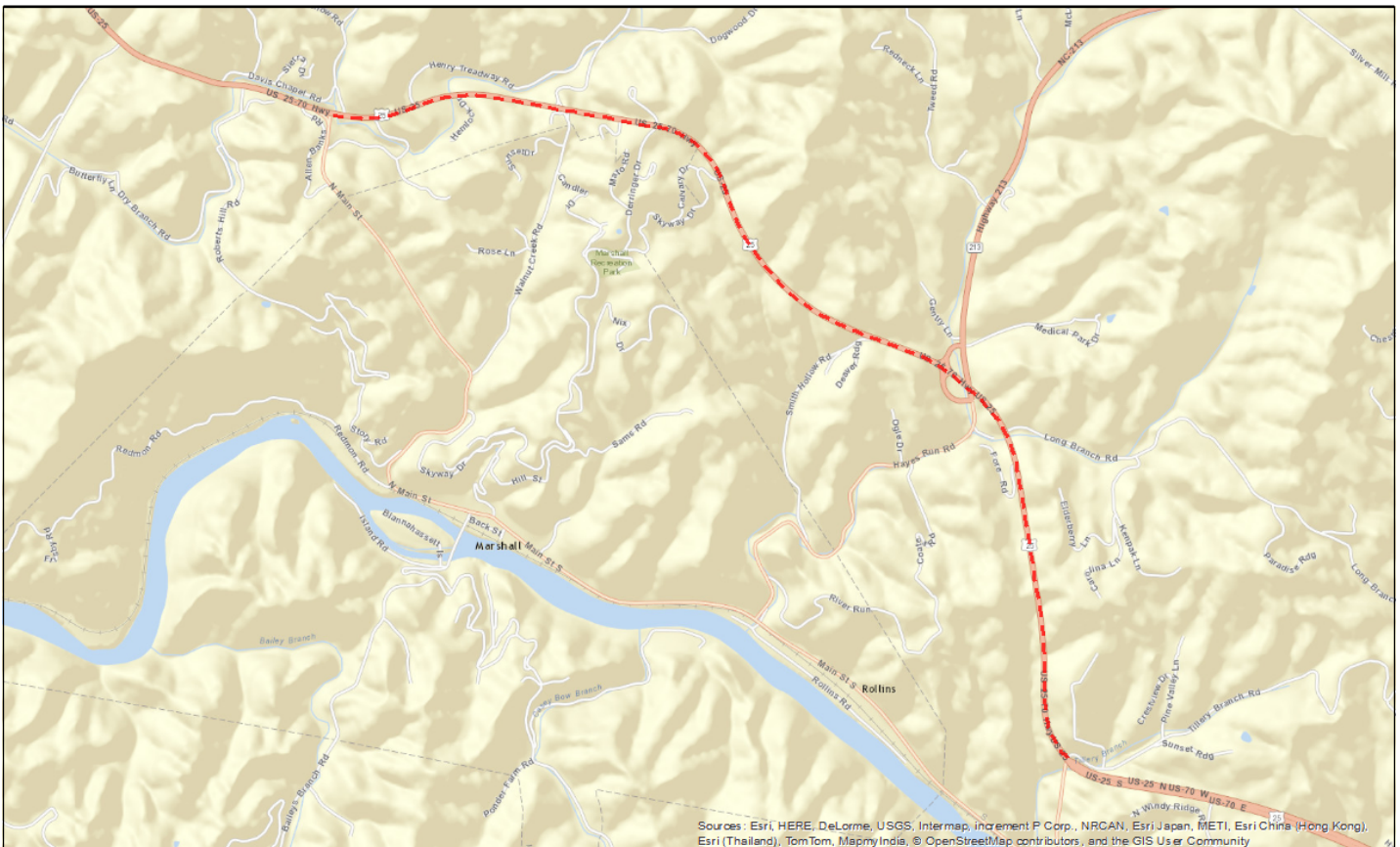
US 25/US 70 - Widening (Marshall) from NC 251 to North Main Street (US 25/US70 Bus)

Division(s): Division 13

County(s): MADISON

MPOS(s)/RPO(s): Land-of-Sky RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 31.39

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 33.09	Percent: 15%	Percent: 15%
Safety (10%) 53.19	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 28.04		
Totals: Weight: 70% Weighted Score: 16.39		

Division Needs Total Score: 11.94

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 33.09	Percent: 25%	Percent: 25%
Safety (10%) 53.19	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 11.94		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	3.37
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	9053.22
Capacity:	18435.94
Volume/Capacity Ratio:	0.49
% Autos:	94%
% Trucks:	6%
Truck Volume:	505.66
Crash Density:	56.76
Crash Severity:	64.55
Critical Crash Rate:	38.28
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	31
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	88
Actual Congested Speed:	44.64
Travel Time Index:	1.23

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	3.37
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-2694849.4
Travel Time Savings for 30 Years (Autos):	-2544332.12
Travel Time Savings for 30 Years (Trucks):	-150517.28
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Land-of-Sky RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$23,142,000	TIP Unit
Right-of-Way Cost:	\$26,203,000	Cost Estimation Tool
Utilities Cost:	\$3,144,000	Cost Estimation Tool
Total Project Cost:	\$52,489,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$52,489,000	